



Application No 10/628,207

Application dated July 29, 2003

Reply to office action of 11th June 2010

I claim

Claims 1-21 (canceled)

Claim 22 (new): A balloon catheter and stent wherein a part of the shaft is replaced by a spring, having circular or oblique spirals/strands to absorb and transmit forward force for balloon advancement while maintaining alignment: wherein the outer surface of balloon is coated with heat expansible material and balloon has longer flexible nose-cone.

Claim 23 (new) A balloon catheter wherein the stent supplied with the balloon, the stent struts are of short length, having zig-zag pattern and flat outer surface: wherein the stent will be coated with a cocktail of heparin, a platelet glycoprotein gpIIb/IIIa receptor blocker and a cytostasis/cytotoxic drugs and having a differential release pattern for different drugs: wherein drug amount will be more at edges of stent especially the proximal edge.